

**ABSTRACT**

A refrigerator having a main body includes a refrigerating chamber and a freezing chamber provided for storing foods. A cool air-generating device provided in the body generates cool air and a cool air-supplying device including at least one opening for discharging the cool air, is used to circulate the cool air through the freezing chamber, the refrigerating chamber, and the cool air-generating device. A separator provided adjacent to the opening acts to uniformly diffuse the cool air in the freezing chamber and the refrigerating chamber. The separator acts to separate two flows that are then brought back together. The collision and mixing of the two flows create a turbulent flow of air that is directed into the refrigerating and freezing chambers.